

**Revolutionary MAHLE solution for calibrating driver assistance systems**

- Calibrate driver assistance systems (ADAS) quickly and easily at low cost
- Digital calibration panel for all vehicle models
- Automatic software updates make this multibrand tool a sustainable solution
- World premiere at Automechanika Frankfurt, 09/11–09/15/2018 (Hall 9.0, Stand D16/D36)

Stuttgart, September 11, 2018 – The patent-pending TechPRO ADAS solution is a world premiere from MAHLE Aftermarket at Automechanika Frankfurt. This tool allows workshops to adjust and calibrate driver assistance systems quickly and easily—using just a digital calibration panel. This saves time and money. The tool is continuously updated online and expanded to cover more vehicles. With this intuitive and sustainable solution, MAHLE is setting new benchmarks in this promising product group.

With TechPRO ADAS, MAHLE Aftermarket has aligned itself with the needs of tomorrow's workshops today. The multibrand tool provides workshops with a solution that keeps up with the latest state of the art thanks to continuous software updates. The professional adjustment of driver assistance system sensors and cameras allows workshops to capture additional sales potential.

**Driver assistance systems change the way workshops work**

Whether they use radars, cameras, or ultrasonic sensors, more and more late-model cars have high-tech driver assistance systems, known as ADAS (Advanced Driver Assistance Systems). "In upcoming years, both the number of driver assistance systems and the percentage of passenger cars and trucks equipped with these systems are expected to grow significantly. This will greatly change the way that workshops

work,” says Olaf Henning, Corporate Executive Vice President MAHLE Group and General Manager Aftermarket.

### **Digital calibration panel for fast, precise work**

For service and repair work, workshops must readjust radar sensors and camera systems to ensure that assistance systems continue to function reliably. They need to be precisely calibrated to the geometric axis of the vehicle. Even minimal deviations can cause a failure of the assistance system. “With our TechPRO ADAS, we make this job easier for workshops,” emphasizes Olaf Henning. “Unlike the tools already on the market, only one digital calibration panel is needed to precisely adjust the radar sensors and cameras. Updates are installed automatically to give workshops a solution that is optimally adapted to handle new developments in the field of driver assistance systems.”

### **TechPRO ADAS reduces investment and operating costs**

Multibrand workshops have always faced challenges with the calibration of different manufacturer’s systems because the sensors vary depending on the vehicle model. In the past, this led to high investment and operating costs, as it required a number of different calibration panels, suitable working areas, and long calibration times.

This is where TechPRO ADAS from MAHLE comes in. It supports workshop professionals with a system that uses just one digital calibration panel, thereby reducing calibration time and keeping space requirements to a minimum. This in turn lowers the cost of acquisition and ongoing operations.

### **Calibration panel adapts automatically**

Developers at MAHLE Aftermarket have redefined the entire process, identifying innovative technical and process-related solutions. TechPRO ADAS interacts with the digital calibration panel to produce precise results quickly. To recalibrate an assistance system, the workshop technician just connects the TechPRO diagnostic tool to the appropriate control units using the onboard diagnostics. The calibration panel is set up according to the manufacturer’s directions and adjusted

automatically. Next, the TechPRO diagnostic tool shows what exactly needs to be done and guides the workshop technician through each of the steps.

**Solution for future models and systems**

The system is continuously updated and can be used for vehicles that have one or more driver assistance systems retrofitted over time. Workshops can also use TechPRO ADAS for new assistance systems, without needing to buy additional, vehicle-specific calibration panels. The ADAS tool is a supplemental solution for the TechPRO vehicle diagnostics system or Connex BT from MAHLE Aftermarket.

At market launch, the calibration system covers many German and other European makes that are equipped with driver assistance systems, and market coverage is being continuously expanded. Workshops can rely on TechPRO ADAS to keep up with new vehicle models and all the technical developments in the field of assistance systems.

**About MAHLE**

MAHLE is a leading international development partner and supplier to the automotive industry as well as a pioneer for the mobility of the future. The group's product portfolio addresses all the crucial issues relating to the powertrain and air conditioning technology—both for drives with combustion engines and for e-mobility. In 2017, the group generated sales of approximately EUR 12.8 billion with about 78,000 employees and is represented in more than 30 countries with 170 production locations.

**About MAHLE Aftermarket**

MAHLE Aftermarket, the business unit specializing in spare parts, uses the expertise from the series production of original equipment in its automotive aftermarket product range, and supplies trade, workshop, and engine repair partners. The portfolio also includes products developed by MAHLE Service Solutions for workshop equipment as well as comprehensive services and customized training programs. The

full extent of this expertise is found in the MAHLE ORIGINAL, BRAIN BEE, BEHR, CLEVITE, IZUMI, KNECHT FILTER, and METAL LEVE brands.

MAHLE Aftermarket is represented at 25 locations and other sales offices worldwide, with around 1,600 employees. In 2017, the business unit achieved a global sales volume of over EUR 950 million.

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